EnviroProjects, LLC

Memorandum

Date: April 28, 2014
To: Pete Mellitts, P.E., LEED AP, McLaren Engineering Group

From: Aaron M. Keel, EnviroProjects

Re: Aris T Allen Blvd Site: Response to City comments on the Forest Stand
            Delineation (FSD) Plan
EP#:   20130099

The following responds to the City of Annapolis, Frank Biba, March 19, 2014 comments on the FSD, Aris T Allen Blvd Site.

Response City Comment 1.
- In 2013, EnviroProjects was requested to update an old forest Stand Delineation (FSD) study and identify trees per City new 24" size requirements within the project area only.
- Attached is the *Aris T Allen Boulevard, Natural Resources Inventory/Forest Stand Delineation* report. Much of this report was prepared in 2013 associated with the June 2013 on-site forest stand delineation and wetland verification efforts. This report addresses the requirements of the *State of Maryland Forest Conservation Technical Manual, Third Edition, 1997*.
- The Forest Conservation Application form was prepared by McLaren Engineering and submitted previously to the City, a Forest Conservation Application copy is attached.

Response City Comment 2:
- McLaren Engineering has revised the FSD Plan sheets for greater clarity. Revised FSD plan sheets are attached.

Response City Comment 3:
- The shading of the 15-25% and 25% & < slopes are colored.

Response City Comment 4:
- The Forest Stand Delineation datasheets are included in Appendix B of the attached report.
- The Stand A justification is addressed in Section 5.0 of the forest stand delineation report. Excerpted below:
    "Although this 23-acre property contains both upland hardwood forests (Stand A) and riparian lowland forests (Stand B). Only Stand A is located at the top of the drainage area within the FSD 13-acre study area. Stand A is a diverse stand, exhibiting strong evidence of man-induced changes over a long period of time." "Stand A is primarily defined by its core, a large stand which has remained in place since pre-1944."
    Also Section 5.2: "The on-site forest extends beyond the 13-acre study area, extending to Church Creek to the south and southwest. Stand B is located just beyond the limits of the 13-acre FSD study Area."... "Stand B's forests within the study property are primarily a lowland riparian forest complex with steep

slopes on the sides and a more natural, homogenous species composition."

Response City Comment 5:
- The soils table on the FSD plans has been revised to include K-factors. Hydric soil data and steep slopes were already shown on the plans.

Response City Comment 6:
- Stand A has been ranked as a Priority 1 Stand. Excerpt: " Forest Stand A is assigned a Priority 1 ranking."
- Added requested data is included in the *Aris T Allen, Natural Resources Inventory/Forest Stand Delineation* report.
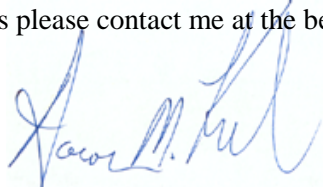
Response City Comment 7:
- On-site wetlands had been previously delineated and shown on the attached plan. In 2013 EnviroProjects was requested to update the wetland delineation study within the Aris T Allen Blvd site proposed project area to reflect current wetland standards. Attached is a copy of the June 2013 *Wetland Delineation Technical Memorandum* report.

Response City Comment 8:
- The *Aris T Allen, Natural Resources Inventory/Forest Stand Delineation* report, Appendix C, includes Initiation of Consultation correspondence with Maryland Department of Natural Resources, US Fish & Wildlife Service, and State Historic Preservation Office.

If there are any questions please contact me at the below data or akeel@EnviroProj.com.

Aaron M Keel
Principal
EnviroProjects, LLC

Enc: Aris T Allen, Natural Resources Inventory/Forest Stand Delineation report (04/23/2014); State Forest Application Form; Forest Stand Delineation Plan (3 sheets-color); Wetland Delineation Update Technical Memorandum (06/23/2013)

ec: Jason Staley, McLaren Engineering

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